

AC 466

COUNTY OF ANGUS



ANNUAL REPORT

OF THE

***MEDICAL OFFICER
OF HEALTH***

FOR THE YEAR

1958

COUNTY OF ANGUS



ANNUAL REPORT

OF THE

***MEDICAL OFFICER
OF HEALTH***

FOR THE YEAR

1958



Digitized by the Internet Archive
in 2016 with funding from
Wellcome Library

<https://archive.org/details/b2871376x>

PUBLIC HEALTH DEPARTMENT,

RAVENSWOOD,

FORFAR, 1st July, 1959.

To—

The County Council of Angus.

The Town Councils of Brechin, Carnoustie, Kirriemuir
and Montrose.

The Department of Health for Scotland.

My Lords, Ladies and Gentlemen,

In accordance with the requirements of the Department of Health for Scotland Circular No. 9/1959, I herewith submit my Report on the Health of the County during the year 1958, together with a Report on the School Medical Service for the year ending 31st July, 1958.

I am,

Your obedient Servant,

(Sgd.) J. MACFARLANE THOMSON,

Medical Officer of Health.

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health	J. M. Thomson, M.B., Ch.B., D.P.H.
Deputy Medical Officer of Health ...	Walter Burnett M.B., Ch.B., D.P.H.
Assistant Medical Officers of Health	(1) Margaret D. Hird, M.B., Ch.B., D.P.H.
	(2) Madeline Deans, M.B., Ch.B., D.P.H.
Chief Dental Officer	Anthony L. Cadenhead, L.D.S.
Assistant Dental Officers	(1) Ena A. Millar, L.D.S.
	(2) Elizabeth J. Mann, L.D.S.
	(3) Douglas Anderson, L.D.S.
Chiropodist	William Beedle, M.Ch.S. (commenced May).
Speech Therapist	Adelaide M. Bruce.
Sanitary Inspector	Robert A. Taylor.
Senior Assistant Sanitary Inspector	Thomas Gordon.
Assistant Sanitary Inspectors ...	(1) Lawrence D. McGregor.
	(2) William M. B. Henderson.
	(3) Russell F. Davidson.
Milk Officer	Christian J. W. Gall, B.Sc. (Agric.), N.D.D.
Superintendent of Nurses	Margaret J. A. Urquhart, S.R.N., S.C.M., Q.N., H.V. (resigned September).
Deputy Superintendent of Nurses	Elizabeth M. Proctor, S.R.N., S.C.M., Q.N., H.V. (commenced September).
	Margaret H. Mitchell, S.R.N., S.C.M., Q.N., R.F.N., H.V.
Dental Attendants	(1) Davina S. Strachan.
	(2) Mrs Margaret H. D. Laing.
	(3) Moira G. Scott.
	(4) Annette J. C. Robertson (resigned October).
	(5) Mrs Sylvia Laing (commenced October).

NURSING STAFF

HEALTH VISITORS/SCHOOL NURSES.	NURSING DISTRICT.
Margaret C. Anderson, S.R.N., S.C.M., Q.N.	Forfar Burgh and County.
Margaret Burness, S.R.N., S.C.M., H.V. ...	Forfar Burgh.
Agnes Marian MacPhail, S.R.N., S.C.M., Ex-Q.N., H.V.	Brechin Burgh.
Patricia Marshall, S.R.N., S.C.M., H.V. ...	Carnoustie Burgh.
Mary Ramsay Gordon, S.R.N., C.M.B., H.V. (resigned February)	Forfar Burgh.
Alice Pirrie, S.R.N., S.C.M., Q.N., H.V. ...	Montrose Burgh.
Margaret Anderson, S.R.N., S.C.M., Q.N., H.V.	Montrose Burgh.
SCHOOL NURSE.	
Edith Mary Smart, S.R.N., C.M.B.	Arbroath Burgh.
DISTRICT NURSE/MIDWIFE/HEALTH VISITORS.	
Margaret I. Coutts, S.R.N., S.C.M., Q.N. ...	Airlie.
Marjorie H. Ogilvie, S.R.N., S.C.M., Q.N. ...	Arbirlot.
Elizabeth A. Shaw, S.R.N., S.C.M., Q.N. ...	Auchterhouse.
Barbara Ann Bruce, S.C.M.	Careston.

Elizabeth McN. Anderson, S.R.N., S.C.M., Q.N. ...	Edzell.
Annie J. Downie, S.R.N., S.C.M., Q.N. ...	Friockheim (resigned Sept. Public Health Training).
Elizabeth O. Budka, S.R.N., S.C.M., Q.N. ...	Friockheim (commenced September).
Jane C. Edwards, S.R.N., S.C.M., Q.N. ...	Hillside.
Isabella J. Stronach, S.R.N., S.C.M., Q.N. ...	Inverarity.
Flora McPhail, R.F.N., S.C.M. ...	Inverkeilor.
Jean McG. Watt, S.R.N., S.C.M., Q.N. ...	Kirriemuir.
Hannah C. Mitchell, S.R.N., S.C.M., Q.N. ...	Kirriemuir Landward,
Janet M. Grant, S.R.N., S.C.M., Q.N. ...	Letham.
Alma Ferrier, S.R.N., S.C.M., Q.N., H.V. ...	Monifieth (resigned February).
Barbara Cox, S.R.N., C.M.B., Q.N. ...	Monifieth (commenced February).
Ann B. Beattie, S.R.N., S.C.M., Q.N. ...	Monikie.
Elizabeth W. W. Stalker, S.R.N., S.C.M., Q.N. ...	Murroes.
Alexa D. Robertson, S.R.N., S.C.M., Q.N. ...	Newtyle.
Muriel M. Coutts, S.R.N., S.C.M., Q.N. ...	Southesk.

DISTRICT NURSE/MIDWIVES.

Catherine E. MacKenzie, S.R.N., S.C.M., Q.N. ...
Grace Stewart, S.R.N., S.C.M., Q.N. ...
Margaret Forrest, S.R.N., S.C.M., Q.N. ...
Margaret C. Swan, S.R.N., S.C.M., Q.N. ...
Doris M. Hankins, S.R.N., S.C.M., Q.N. ...
Jemima W. Grieve, S.R.N., S.C.M., Q.N. ...
Margaret Thornton, R.G.N. ...
Phyllis J. Donald, S.R.N., S.C.M., Q.N., H.V. ...
Barbara Cox, S.R.N., C.M.B., Q.N. ...

NURSING DISTRICT.

Brechin.
Brechin.
Carnoustie.
Carnoustie.
Forfar.
Montrose.
Montrose.
Montrose.
Montrose (resigned February).

CLERICAL STAFF.

Davina Galloway ...	Senior Clerkess.
Margaret D. McIntosh ...	Clerkess-Typist.
Helen W. McQuattie ...	Clerkess-Typist.
Elizabeth B. Wilkie ...	Clerkess-Typist.
Constance D. Stewart ...	Clerkess-Typist.
Elma N. Bremner ...	Junior Clerkess-Typist.
Margaret Ritchie ...	Junior Clerkess-Typist.
Jean Findlay ...	Junior Clerkess-Typist (commenced December).
Vanda V. Konkol ...	Junior Clerkess-Typist—Sanitary Dept.
Mira C. Reid ...	Clerkess-Typist, Sanitary Department.

CLINIC SESSIONS

FORFAR BURGH—

At Ravenswood.

Monday	...	...	9.30 a.m.	Minor Ailment (School Medical Service).
Monday	...	...	9- 4 p.m.	Speech Therapy.
Monday—2nd	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Tuesday—1st	...	...	9.30-12 noon.	Specialist Clinic (Orthopaedic) (Monthly).
Tuesday	...	...	2- 4 p.m.	Child Welfare.
Wednesday	...	...	9.30- 4 p.m.	Physiotherapy treatment.
Thursday—1st	...	...	1.30 p.m.	Specialist Eye Clinic (Monthly).
Thursday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).

BRECHIN BURGH—

At Damacre Road.

Monday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Monday—3rd	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Tuesday	...	...	9-12 noon.	Speech Therapy.
Wednesday	...	...	2- 4 p.m.	Child Welfare.
Wednesday	...	...	10.30 a.m.	Minor Ailments (School Medical Service).
Thursday—3rd	...	...	9.30 a.m.	Specialist Eye Clinic (Monthly).
Mothercraft Clinic on Tuesday, 2.30-3.30 p.m.				

MONTROSE BURGH—

At Esk House.

Monday	...	...	9.30 a.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
Monday—4th	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
Wednesday (by arrangement)	...	...	1 p.m.	Specialist Eye Clinic.
Wednesday	...	...	11.30 a.m.	Minor Ailments (School Medical Service).
Wednesday	...	...	9 a.m.-4 p.m.	Speech Therapy.
Wednesday (by arrangement)	...	...	9.30-12 noon.	Specialist Eye Clinic.
Friday	...	...	2- 4 p.m.	Child Welfare.
Mothercraft Clinic on Thursday, 2.30-3.30 p.m.				
Baby Weighing Clinic on Tuesday afternoon.				

CARNOUSTIE BURGH—

At 18 High Street.

Thursday	...	...	2- 4 p.m.	Child Welfare.
----------	-----	-----	-----------	----------------

At Carnoustie School.

Thursday	...	...	9-12 noon.	Speech Therapy.
----------	-----	-----	------------	-----------------

MONIFIETH BURGH—

At Seaview.

Monday	...	...	2- 4 p.m.	Child Welfare.
Thursday	...	...	9-12 noon.	Speech Therapy.

ARBROATH BURGH—

At West Keptie Street—From September Sessions held at 7 Hill Street.

Monday	...	...	9.30- 1 p.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
--------	-----	-----	--------------	---

Monday	...	...	2- 4 p.m.	Minor Ailments (School Medical Service).
--------	-----	-----	-----------	--

Tuesday—2nd, 3rd and 4th	...	...	9.30-12 noon.	Specialist Clinic—Orthopaedic.
--------------------------	-----	-----	---------------	--------------------------------

Wednesday	...	...	1.30- 4 p.m.	Specialist Eye Clinic.
-----------	-----	-----	--------------	------------------------

Thursday	...	...	2- 4 p.m.	Minor Ailments (School Medical Service—Nurse's Clinic).
----------	-----	-----	-----------	---

Thursday (by arrangement)	...	...	9.30- 1 p.m.	Specialist Eye Clinic.
---------------------------	-----	-----	--------------	------------------------

Friday	...	...	9.30- 4 p.m.	Physiotherapy Treatment.
--------	-----	-----	--------------	--------------------------

Saturday	...	...	9.30-12 noon.	Physiotherapy Treatment.
----------	-----	-----	---------------	--------------------------

At Dewar House.

Monday—1st	...	...	10.30 a.m.	Specialist Clinic (Mental Deficiency) (Monthly).
------------	-----	-----	------------	--

Friday	...	...	9- 4 p.m.	Speech Therapy—Sessions now held at 7 Hill Street.
--------	-----	-----	-----------	--

Mothers' Advisory Clinics (Birth Control) are held at Brechin, Forfar, Montrose, Carnoustie, and Arbroath, by appointment with cases referred by family practitioners.

Chiropody Clinics are held by appointment at:—

Dewar House Clinic	...	...	now 7 Hill Street, Arbroath.
Esk House Clinic	...	...	Montrose.
Damacre Clinic	...	...	Brechin.
Ravenswood Clinic	...	...	Forfar.
Clinic, 18 High Street	...	...	Carnoustie.
Clinic, Seaview School	...	...	Monifieth.
Nurse's House	...	...	Kirriemuir, Hillside, Letham, and Frioekheim.

Home visits are paid to Burgh Cases who are unable to attend the Clinic and in the case of Country Cases where there is no convenient Clinic or suitable accommodation available in the District Nurse's house serving the area.

VITAL STATISTICS

The Registrar General estimated the mid-year population for the year 1958 to be 77,182 which compares with 77,231 in 1957 and 78,251 in the 1951 census.

Burgh of Brechin	...	...	...	...	7,401
Carnoustie	...	...	...	...	5,202
Forfar	...	...	...	...	10,086
Kirriemuir	...	...	...	...	3,514
Monifieth	...	...	...	...	3,362
Montrose	...	...	...	...	10,741
Total Burghal	...	...	...	...	40,306
Landward	...	...	...	...	36,876
					77,182

BIRTHS

The live births allocated to the county during 1958 numbered 1,187 giving a birth rate of 15.4 which compares with 1,190 and a rate of 15.4 in 1957. The birth rate for Scotland in 1958 was 19.2 per 1,000 population.

The following table details the live births. In column (1) Births registered according to place of birth; and in column (2) Births corrected for transfer, i.e. births allocated to area of the mother's residence.

				(1) No. of Births (live) Registered.	(2) No. of Births (live) Corrected for Transfer.
Landward	...	...	...	394	567
Burgh of Brechin	...	...	...	6	118
Carnoustie	...	...	...	8	71
Forfar	...	...	...	421	154
Kirriemuir	...	...	...	7	46
Monifieth	...	...	...	2	46
Montrose	...	...	...	13	185
				851	1,187

STILL BIRTHS

After correction for transfer there were 19 still births allocated to the County in 1958 giving a rate of 16 per 1,000 total births, which compares with 30 still births and a rate of 25 in 1957. The rate for Scotland in 1958 was 23 per 1,000 total births. Of the 19 still births in 1958, all occurred in hospitals or maternity homes and none in domiciliary confinements.

DEATHS

After correction for transfer there were during the year 985 deaths of persons normally resident in the county giving a death rate of 12.8 per 1,000 of the population compared with 964 deaths and a rate of 12.5 in 1957. The deaths were distributed in the various age-groups as follows:—

Under 1 year	...	...	...	...	...	27
From 1- 4 years	...	...	...	...	...	3
5- 9 years	...	...	...	...	...	1
10-14 years	...	...	...	...	...	2
15-24 years	...	...	...	...	...	11
25-34 years	...	...	...	...	...	7
35-44 years	...	...	...	...	...	23
45-54 years	...	...	...	...	...	65
55-64 years	...	...	...	...	...	130
65-74 years	...	...	...	...	...	248
75-84 years	...	...	...	...	...	321
85 years and over	...	...	...	...	...	147

During the year the diseases responsible for the largest number of deaths were:—

Diseases of the Heart	...	...	...	...	...	395
Diseases of the Nervous System (including cerebral haemorrhage)	...	...	...	...	...	174
Malignant Disease	...	...	...	...	...	169
Diseases of the Respiratory System	...	...	...	...	...	62
Diseases of the Digestive System	...	...	...	...	...	38
Tuberculosis	...	...	...	...	...	14

There were 42 deaths from violence in 1958, including 7 by suicide, 14 by motor vehicles, and 21 by other forms of violence of which 15 were deaths following accidents in the home.

INFANTILE MORTALITY

During 1958 there were 27 deaths in children under 1 year giving an infantile mortality rate of 23 per 1,000 live births which compares with 46 deaths and a rate of 30 in 1957, and 26 deaths and a rate of 22 in 1956. The infantile mortality rate for Scotland in 1958 was 28 per 1,000 live births.

Cause of Death.	0 - 1 week.	1 - 2 weeks.	2 - 4 weeks.	1 - 3 mts.	3 - 6 mts.	6 - 12 mts.	Total
Prematurity	7	—	—	1	—	—	8
Intraventricular Haemorrhage	2	—	—	—	—	—	2
Asphyxia	2	—	—	2	—	1	5
Atelectasis	1	—	—	—	—	—	1
Congenital Malformations	1	1	—	1	1	—	4
Pneumonia	1	—	—	—	2	1	4
Pulmonary Haemorrhage	1	—	—	—	—	—	1
Diseases of Newborn	—	1	—	—	1	—	2
Total	15	2	nil	4	4	2	27

The deaths in children under 4 weeks numbered 17 giving a neonatal death rate of 14 per 1,000 live births. The corresponding rate for Scotland in 1958, was 19 per 1,000 live births.

DEATHS FROM TUBERCULOSIS

Deaths from all forms of Tuberculosis numbered 14 in 1958, compared with 8 in 1957 and 8, 7, 14, 15 and 13 in the years 1956 to 1952 respectively. Of the 14 deaths in 1958, 13 were due to pulmonary tuberculosis and one to the non-pulmonary form of the disease. Six of the deaths occurred in persons over 65 years of age and one was over 75.

The death rate for tuberculosis (all forms) was 0.18 in 1958. For the pulmonary form of the disease the rate was 0.17 compared with 0.09 in 1957. There was one death from the non-pulmonary form of the disease. The corresponding rates for Scotland in 1958 were, Tuberculosis (all forms) 0.13, Pulmonary Tuberculosis 0.12, Non-Pulmonary Tuberculosis 0.01.

DEATHS FROM INFECTIOUS DISEASES

There were 3 deaths from infectious diseases, all due to influenza, giving a death rate of 0.04. The rate for Scotland in 1957 was 0.14.

SENILE DEATHS

The number of persons attaining the age of 65 years and upwards was 716, giving a senile death rate of 72.7 per 100 deaths.

MATERNAL DEATHS

There were no deaths from child birth in 1958. The rate for Scotland in 1958 was 0.5 per 1,000 births.

LOCAL AUTHORITY FUNCTIONS

1. MIDWIFERY

BIRTHS IN ANGUS.

The number of births occurring in the County during 1958 and before transfer according to the mother's residence was 859, of whom 849 were live births and 10 still births. The comparison with the last 5 years is given below.

Births in Angus before Transfer.

Year.	Total Births.	Live Births.	Still Births.
1954	935	915	20
1955	887	872	15
1956	921	906	15
1957	929	912	17
1958	859	849	10

Of the 859 births in the area during 1958, 117 or 13.6% were born at home and 742 or 86.4% in the Maternity Homes (Fyfe-Jamieson 422 or 49.2% ; Charleton 320 or 37.2%). Of all births allocated to Angus after transfer, i.e. 1,187 live plus 19 still births, only 9.7% were born at home compared with 11.1% in 1957 ; again a decrease which has been continuous since the introduction of the Health Service in 1948.

The following table gives details of the attendance at birth :

1. Cases dealt with under the County Council's Midwifery Scheme.
Midwives provided by the Local Authority.

(1) Doctor engaged and present	...	...	...	46
(2) Doctor engaged but not present	...	...	...	73

2. Other Domiciliary Confinements.

(1) Privately engaged midwives	...	...	...	0
--------------------------------	-----	-----	-----	---

3. Maternity Home Confinements.

(1) Doctor engaged and present.							
Fyfe-Jamieson	...	...	...	...	...	...	292
Charleton	...	...	...	...	...	...	88
(2) Doctor engaged but not present.							
Fyfe-Jamieson	...	...	...	...	...	...	130
Charleton	...	...	...	...	...	...	232

The number of Nurses employed full time by the Local Authority and undertaking the combined duties of midwifery and home nursing, was reduced during the early part of 1958 from 26 to 25 by the combination of the Glamis Nursing District with the Airlie Nursing District. The combination of these Districts as a permanent measure was still under review at the end of the year. In addition to this reduction of nursing staff by one District Nurse, the Montrose Burgh Nursing District, for the greater part of the year, operated with one Nurse less than their complement of four Nurses, and, at the time of writing are still one Nurse short. Considerable difficulty is being experienced

in obtaining District Nurses especially for burghs where a Nurse's home is provided. The Glenisla area of Angus continues to be covered by the Alyth District Nurse employed by Perthshire County Council.

In addition to the ante-natal supervision of expectant mothers booked to be confined at home the Nurses also give ante-natal supervision to all mothers booked for confinement at the Fyfe-Jamieson or Charleton Maternity Homes. During the year 902 expectant mothers received 4,110 ante-natal visits from the District Nurses.

All District Nurse/Midwives are trained in the use of gas and air analgesia and each of the 23 nursing districts in the county is equipped with gas and air analgesic apparatus. In 1958, of the 117 domiciliary confinements undertaken by the Nurses 49 received gas and air analgesia, and in 26 cases pethidine analgesia was administered.

The Medical supervision of the Midwives is carried out by the Medical Officer of Health while the County Nursing Superintendent carries out the non-medical supervision in terms of the 1915 Midwives Act.

2. CARE OF MOTHERS AND YOUNG CHILDREN

The ante-natal supervision of the expectant mother as explained in previous reports is carried out by the District Nurse/Midwife by home visitations. Not only are the cases who engage the District Nurse to attend at the confinement in the patient's own home so visited, but also the cases booked for confinement at the Maternity Homes at the Fyfe-Jamieson, Forfar, and Charleton, Montrose, are given the same supervision on notification by the Matron. Following the births, visits are paid by the District Nurse or Health Visitor to advise on matters concerning the care of the child and the mother's welfare.

Maternal and Child Welfare Visitation, 1958.

	No. Visited.	Total Visits.
Expectant mothers	902	1,110
Children under 1 year	1,198	13,072
Children between 1 and 5 years	4,102	13,596

CHILD WELFARE

In addition to these domiciliary visitations referred to above, child welfare clinic sessions are held weekly at Forfar, Brechin, Montrose, Carnoustie and Monifieth at which advice on maternal and child welfare matters is given by the Medical and Nursing staff. Immunisation against Diphtheria, and vaccination against Smallpox is also provided. During 1958 a total of 1,046 children attended these clinics on 6,360 occasions as follows:—

	No. of Children attending		Total Visits.	
	Under 1 year.	1-5 years.	Under 1 year.	1-5 years.
Brechin	81	34	551	108
Carnoustie	99	82	796	299
Forfar	117	81	864	232
Monifieth	85	65	606	296
Montrose	233	169	1851	757

DENTAL CARE

During the year 30 cases were given dental treatment under the Local Authority's Scheme for the dental care of the expectant and nursing mother and pre-school child. Treatment is carried out by the County Council Dental Staff as an extension of the School Dental Service. Cases are seen by appointment at the nearest burgh clinic. All cases were inspected and treated during the year. Of the 30 cases, 9 were nursing mothers, 3 expectant mothers and 18 were children under school age.

ORTHOPÆDICS

During the year children under 5 years of age, suffering from various crippling defects were dealt with under the scheme.

	County.	Arbroath Burgh.
No. of Cases referred to Specialist	347	225
No. of Cases referred for Hospital treatment	6	1
No. of cases receiving Physiotherapy treatment	68	40

EYES

During 1958, 40 children under 5 years of age, mainly suffering from squint, were referred for specialist advice and treatment through the School Medical Service. All children entering school at the age of 5 years, at the routine medical examination are now eye tested in accordance with D.H.S. Circular 43/1957.

MOTHERS' ADVISORY SERVICE

During 1958, General Practitioners referred 176 married women for advice on birth control where it was considered that further pregnancies would be detrimental to the mother's health. All cases are seen by appointment at special sessions held in the clinics at Arbroath, Forfar, Brechin, Montrose, Carnoustie and Monifieth, or after the weekly child welfare clinic sessions.

	No. of Special Sessions Held.	No. of New Cases Seen	Cases Re-examined.	Total Attendances.
Arbroath	19	60	66	173
Forfar	9	27	38	84
Montrose	20	31	50	119
Carnoustie	6	31	9	68
Brechin	16	23	27	74
Monifieth	—	4	—	7

WELFARE FOODS

These foods are supplied by the Department of Health and a contribution to the National Exchequer is made by the recipients by way of stamps. The local authority is only concerned in the distribution of these foods—National Dried Milk for infant feeding, Orange Juice and Cod Liver Oil for children, and vitamin tablets

for expectant and nursing mothers. In the rural areas these foods are distributed by nurse when making her routine monthly visits under the infant welfare scheme, but for older children the foods are obtained at the nurse's cottage on Wednesdays between the hours of 3.30 and 4.30 p.m. In the burghs the foods are obtained at the local clinics during the infant welfare sessions. At Kirriemuir the distribution is undertaken by the Local W.V.S. at the Red Cross Centre. At Ferryden, the wife of the local headmaster undertakes distribution at the school premises. A few cases still request delivery by post, but in these cases the postage has to be prepaid by the recipient, but, during 1958 no one requested infant milk by post. There was a big reduction in the uptake of Cod Liver Oil and Orange Juice especially the latter which is now available only to children under 2 years of age compared with under 5 years in 1957.

Distribution of Welfare Foods during 1957 at Clinics and by Nurses, etc.

No. of Tins Dried Milk.	No. of Bottles of Cod Liver Oil.	No. of Bottles of Orange Juice.	No. of Packets of Vitamin Tablets.
23,408	4,176	28,125	2,106

3. HEALTH VISITING

During the year 5 full-time health visitors were engaged on all health visiting duties including tuberculosis and school health work while 18 district nurses were employed in the combined duties of home nursing, midwifery and health visiting. The full-time health visitors cover the burghs of Forfar, Brechin, Montrose, and Carnoustie and District Health Visitors are concerned with the care of expectant and nursing mothers and young children referred to in the last section; the care of the tuberculous and their family contacts referred to in the section on tuberculosis; the school nursing service which entails school visitations to assist at the annual inspection and monthly visitations regarding the cleanliness of the school children and where necessary the follow up by home visitation of these found to be verminous. Special visitations are also paid in connection with certain of the infectious diseases. In recent years the health visitation of the aged has been increasing and with the development of the home help service many visits have to be paid in connection with this service, especially where the person receiving assistance is in the aged group. The burgh health visitors also staff the various clinic sessions held in the burgh clinics under the various schemes of the local authority.

A Health Visitor is appointed primarily for the additional work involved in connection with the schemes for B.C.G. vaccination and poliomyelitis vaccination and also to assist in the other immunisation schemes of the local authority, and while these various schemes occupy most of her time she is also available from time to time to undertake additional health visiting duties such as tuberculosis visiting.

During the year health visitors paid 36,043 visits which are classified as under:—

	No. Visited.	Total Visits.
Expectant Mothers	902	4,110
Children under 1 year	1,198	13,072
Children 1-5 years	4,120	13,596
Tuberculosis	595	1,923
Other Cases, Infections Diseases, etc.	2,018	3,342
	8,833	36,043

4. HOME NURSING

The County Council employs 26 nurses in the home nursing service and in addition, by arrangement with Perthshire, the Alyth District Nurse of Perthshire undertakes the combined duties of nursing, midwifery and health visiting in the Glenisla area of Angus. Of the 26 nurses employed in Angus 18 undertake the combined duties of nursing, midwifery and health visiting, 7 undertake general nursing and midwifery, and 1 general nursing only. In previous reports I have indicated the change in the aspect of the district nurses' work that has taken place since the introduction of the Health Service—a decline in midwifery and fewer acute cases to be nursed at home, an increase in the number of cases to be visited to give injections of various types for treatment of a variety of conditions both acute and chronic, and an increasing number of visits to persons in the old age group. The health visiting aspect of the district nurse doing combined duties has also increased. Under the Section on midwifery I mentioned the reduction in the nursing staff by one district nurse, consequent in the combination of the Glamis District with the Airlie District. At the end of the year this, as a permanent measure, was still under review and will be reviewed in the spring together with the adjoining districts and the work undertaken by the respective nurses.

As I indicated in last year's report the amount and nature of the work undertaken by the district nurse depends primarily on the family doctor, also the availability of hospital beds and to a certain extent on the personality of the nurse. In Angus, 3 of the burgh infirmaries at Forfar, Brechin and Montrose, are general practitioner hospitals and as such the admission of cases is under the control of the family doctors in these burghs, all of whom are on the staff of the local infirmary. In these circumstances, admission of cases to these general practitioner controlled hospitals is easier than admission to a specialist staffed general hospital. While this is so, the work undertaken by the nurses in these burghs and the adjoining rural areas does not differ materially in nature or amount from the other areas of the county which are served by family doctors who are not on the staff of any hospital.

The following table gives the number of each type of case dealt with (including cases on books at 1/1/58):—

							Total No. of Cases.
Type of Case.							
Medical.	Cerebral	...	...	...	...	...	140
	Cardiac	...	...	...	...	...	274
	Bronchitis	...	...	...	...	...	102
	Pulmonary	...	...	...	...	...	66
	Abdominal	...	...	...	...	...	49
	Malignant	...	...	...	...	...	80
	Obstruction	...	...	...	...	...	20
	Renal conditions	...	...	...	...	...	50
	Senility and Debility	...	...	...	...	...	285
	Disseminated Sclerosis	...	...	...	...	...	50
	Any other diseases	...	...	...	...	...	616
							— 1,732
Surgical.	Post-operative	...	...	...	...	...	170
	Burns	...	...	...	...	...	133
	Varicose Ulcers	...	...	...	...	...	114
	Cuts and bruises	...	...	...	...	...	365
	Any other injury	...	...	...	...	...	208
							— 990
No. of enemas to individual patients							259
No. of pencillin injections to individual patients							473
No. of anahaemin injections to individual patients							99
No. of insulin injections to individual patients							34
No. of cytamin injections to individual patients							299
Streptomycin, Benerva, Testosterone, mersalyl, inferon, etc.							207
Gynaecological Patients—							
Douching and changing pessaries							201
No. of patients attending house for treatment							198
							— 1,770
							4,492

In comparison with last year, 380 more cases were dealt with in 1958, with 4,492 cases involving 64,512 visits compared with 68,538 visits in 1957. Compared with last year the number of medical cases is about the same—1,732 in 1958 and 1,755 in 1957; the surgical cases also show little difference with 990 in 1958 and 1,002 in 1957. On the other hand, specific treatments with 1,770 cases in 1958 as compared with 1957 when 1,355 cases received special treatment, shows an increase of 415 mainly accounted for by enemas (154 more cases than in 1957) and various injections showing an increase of 298 cases.

SUMMARY OF NURSES' WORK FOR YEAR 1958.

District.	No. of New Cases.		No. of Nursing Visits.		School Work.		Child Welfare.		T.B. Visits.		Hours on Duty.						
	Gen.	Mat.	Gen.	Mat.	Insp.	Home Visits.	No. of Children examined.	1st Visits.	Re-Visits.	1st Visits.		Re-Visits.	Ante-Natal Visits.	Advisory.	Nursing.	Supervisory No. of visits to O.A.P.	
Airlie	51	6	798	88	70	51	2	1055	36	458	30	493	69	4	—	26	1882½
Arbirlot	156	8	2339	132	129	36	1	1382	56	350	26	284	96	45	—	213	2172½
Auchterhouse	99	6	2079	85	1	66	20	2623	43	344	—	376	64	64	—	84	1815
Brechin	101	8	4419	140	195	—	—	—	—	—	—	—	717	—	—	561	3985
Carnoustie	47	4	1535	70	319	38	28	1654	31	409	17	246	168	24	—	131	2194
Carnoustie 1.	139	7	4954	132	19	—	—	—	—	—	—	—	98	—	—	221	2294½
Carnoustie 2.	153	2	4793	30	124	—	—	—	—	—	—	—	22	—	—	131	2422
Edzell	136	5	1722	72	237	63	5	1281	25	326	3	413	166	44	65	124	1701
Forfar	165	7	5255	124	34	—	—	—	—	—	—	—	36	—	—	98	1832
Frickheim	156	7	3039	104	485	48	3	2465	41	665	26	479	266	33	—	174	2707
Glenisla	6	—	105	—	19	24	7	554	6	70	8	66	24	20	—	23	289
Hillside	149	6	2763	111	448	40	26	2381	57	486	30	502	263	62	—	135	2199
Inverarity	133	1	1410	19	115	63	40	1595	43	353	64	478	172	23	1	124	1068½
Inverkeilor	264	6	1776	104	134	57	19	1715	39	426	18	276	222	19	—	7	1691½
Kirriemuir	93	7	2431	115	106	4	—	382	49	523	57	613	147	142	—	229	2841½
Kirriemuir Landward	78	10	872	145	18	63	86	1444	11	358	5	371	148	30	16	113	2141
Letham	243	4	3126	61	110	62	18	2177	37	416	7	362	260	28	199	199	2291½
Monifieth	191	3	1866	44	52	—	—	—	45	365	14	464	31	153	32	118	2041
Montrose	521	12	11220	156	140	37	19	1388	27	248	9	190	845	24	—	371	8874½
Murroes	101	7	1825	123	106	73	32	1540	55	463	96	247	75	42	—	170	1829
Newhigging	113	2	2094	55	46	29	—	963	31	395	18	326	28	19	—	46	2075½
Newtyle	100	6	1269	99	22	57	7	2315	15	813	7	545	140	52	—	54	1974½
Southesk	129	6	2822	88	626	35	1	1144	24	203	28	663	184	42	—	—	2144
	3234	130	64512	2097	3555	846	314	28058	671	7771	463	7394	4241	870	114	3352	55466½

SUMMARY OF HEALTH VISITORS' WORK FOR YEAR 1958.

School Work.	Mother and Child Welfare.				T.B.	Clinics.							No. of Hours on Duty.				
	Infants.	Child.	Re-visits.	1st Visits.		Re-visits.	1st Visits.	Ante-Natal.	Advisory	B.C.G. Vaccination.	Polio-myelitis Vaccination.	School.		C. W.	Eye.	Orthopaedic.	Mothers' Advisory.
District.	Insp.	H. V.	No. of exam.	1st Visits.	Re-visits.	1st Visits.	Re-visits.										
Arbroath	439	76	11446	—	—	—	—	—	—	—	575	—	663	—	—	—	1826
Brechin	76	22	5191	111	1961	73	2194	—	44	—	172	572	193	—	56	3	1864
Carnoustie	100	42	6786	124	835	41	983	—	170	—	—	1101	—	—	41	2	1953
Forfar 1.	44	8	5161	154	1400	173	1003	15	2	—	36	1086	286	422	76	31	1918
Forfar 2.	7	5	11984	9	116	—	202	756	338	7822	407	—	16	27	—	—	1983½
Montrose	135	175	12291	597	6001	335	6202	771	939	—	480	2608	388	—	89	5	3577½
Monifieth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	801	328	52859	995	10313	622	10584	1542	1493	7822	407	1263	1546	449	262	41	13122

5. VACCINATION AND IMMUNISATION

SMALLPOX VACCINATION

The number of vaccinations recorded during 1958 was 1,063 of which 836 were primary vaccinations and 227 re-vaccinations. The respective figures for 1957 were—850 primary and 297 re-vaccinations. The majority of those re-vaccinations—192—were as in former years, emigrants who were required to be recently vaccinated in accordance with international regulations as enforced by the countries to which or through which they were travelling.

	Primary Vaccination.		Re-vaccination.	
	Successful.	No Reaction.	Successful.	No Reaction.

Born in 1958	545	15	—	—
Aged 1-5 years	236	4	5	1
Aged over 5 years	35	1	182	39

DIPHThERIA IMMUNISATION

During the year 891 children, mainly of 2 years of age, were immunised for the first time, and 442 school children were given maintenance inoculations. These figures show a further falling off in the number of children being immunised against Diphtheria, and as pointed out last year, this is in part due to fewer rounds for the purpose of diphtheria immunisation being made by the Council's staff due to the urgency of poliomyelitis vaccination. It must also be borne in mind that poliomyelitis vaccination and other forms of immunisation such as B.C.G. or diphtheria cannot be undertaken concurrently. As diphtheria is now a very rare condition parents may be regarding diphtheria immunisation as unimportant. Both poliomyelitis vaccination and, in the school leavers, B.C.G. vaccination were widely undertaken.

Born in years.	No. of Children Immunised for first time.	No. of Children given maintenance inoculations.
1954-58 	868	18
1953 or earlier 	23	424

WHOOPIING COUGH

As the combined whooping cough/diphtheria antigen is used almost universally by both the public health department and general practitioners most children receive protection against diphtheria and whooping cough at the same time. Many doctors now use the triple antigen and in addition to protecting the child against diphtheria and whooping cough also protects against tetanus.

	Under 5 years.	5-9 years.	10-14 inclusive.
Whooping Cough only	—	—	—
Whooping Cough/diphtheria	219	2	1
Whooping Cough/diphtheria/tetanus	626	3	—
Booster Doses			
Whooping Cough only	—	—	—
Whooping Cough/diphtheria	—	5	1
Whooping Cough/diphtheria/tetanus	18	31	6
Total 912	863	41	8

POLIOMYELITIS VACCINATION

At the beginning of 1958 the Department of Health announced that American Salk vaccine, re-tested in this country, was to be made available to the public as well as British vaccine and that parents were to have a choice of vaccine. Later, because of insufficient British vaccine, and to avoid delay in re-testing all American Salk vaccine, some Salk was imported direct having only been tested under the American standard. All this was very confusing to the public and because of choice of vaccine many parents who elected to have British vaccine only had to wait some months before vaccine was available for their children. Fortunately, the majority of parents elected to take whatever vaccine was available. A very considerable amount of work was involved in the clerical side keeping records and issuing appointment cards. During 1958 vaccination was extended to the 10-14 year old age group, i.e. those born 1943-46. This allowed all children aged 6 months to 14 years of age to be protected if the parent wished. Expectant mothers were also included in the scheme but only 323 expectant mothers were fully immunised during the year—approximately 24% of mothers who gave birth to a child in Angus during the year.

During 1958 the number of all children immunised with 2 injections against Poliomyelitis was 9,508. A further 296 had had one injection and 197 were still awaiting immunisation at 31st December, 1958.

Year.	Number Immunised.	
	Children.	Expectant Mothers.
1956 (1947-54 age group)	813	—
1957 (1947-56 age group)	5,187	—
1958 (1943-58 age group)	8,508	323
Total	14,508	323

6. PREVENTION, CARE AND AFTER-CARE

A. TUBERCULOSIS

NOTIFICATIONS

The number of cases notified and confirmed as suffering from Tuberculosis was 57 compared with 64 in 1957, 77 in 1956 and 59 in 1955.

During the year 14 deaths were registered as dying from tuberculosis, 13 from the respiratory form of the disease and one from the non-respiratory form. This is an increase compared with recent years when 8, 8 and 7 deaths were recorded in the years 1957, 1956 and 1955.

M.M.R.

During August and September a survey of the teachers under the new Superannuation Scheme was carried out when 486 were x-rayed. One male teacher was discovered to have active pulmonary tuberculosis and was admitted to hospital for treatment. At the same time as the teacher survey, all children still at school, who in the previous two years had given a positive skin test during B.C.G. testing, were also x-rayed numbering in all 331. Of these, 1 girl was discovered to have active tuberculosis and was admitted to hospital.

Apart from these special surveys, sessions for the public and works in Monifieth and Carnoustie were arranged during the first fortnight in April when 1,881 persons were x-rayed. Of this number, four cases of tuberculosis were discovered in Carnoustie but none in Monifieth.

Concurrent with the special survey of teachers and school children, sessions for the general public and works in Montrose and Ferryden, Brechin, Edzell and Friockheim were arranged. In these sessions a total of 2,734 persons were x-rayed of whom 9 (3 males and 6 females) were found to have pulmonary tuberculosis.

M.M.R. Survey, 1958

				No. X-rayed.	Cases of Pulmonary T.B. detected.
Carnoustie	...	...	...	1,232	4
Monifieth	...	...	...	649	—
Montrose and Ferryden	...	...	...	1,548	4
Brechin	...	...	...	860	1
Edzell	...	...	...	172	—
Friockheim	...	...	...	154	—
Angus Schools—					
Teachers	...	...	...	486	1
Pupils	...	...	...	331	1
Others	...	...	...	25	—
Total				5,457	11

CARE AND AFTER CARE

At the end of the year there were 577 cases of tuberculosis resident in the county, of which 477 were suffering from respiratory tuberculosis and 100 from non-respiratory tuberculosis. This shows an increase of only 2 compared with last year when there were 473 respiratory and 102 non respiratory cases in the register.

The residence of these cases at December, 1958, is shown below:—

Residing in	Non-Pulmonary	Pulmonary	Pulmonary Rate per 1,000 of population
Burgh of Brechin	9	62	8.4
Carnoustie	5	35	6.7
Forfar	15	62	6.1
Kirriemuir	11	22	6.3
Monifieth	2	27	8.0
Montrose	17	108	10.0
Landward Area	41	161	3.9

During the year the Health Visitors paid 1,923 visits to those households to advise on matters regarding the care of those suffering from tuberculosis and the steps to be taken to avoid spreading the infection. The Health Visitor also arranges for the x-raying of the family contacts not only of new cases but the case defaulters and contact defaulters who fail to attend the clinics for their routine check. Cases after discharge from hospital are also visited and, when necessary, the District Nurses attend to these cases in their own homes.

Necessitous cases, on the Assistance Board level, are supplied with free milk and during the year 19 cases were assisted in this way.

B.C.G. VACCINATION

As reported last year, 636 children born in 1944 had been tested and, where necessary, vaccinated with B.C.G. vaccine in November and December, 1957. In February this year the remainder of this age group numbering 244 were dealt with. The full results of the 1944 age group submitted for B.C.G. vaccination in the school year 1957/58 is given below.

B.C.G. Vaccination

Schools.	Date Visited.	No. Skin Tested.	No. Positive Result	%	No. Negative Result.	%	No. Vaccinated.
Arbroath Burgh	26/11/57	126	26	20.6	95	79.4	95
Arbroath County	26/11/57	59	17	28.8	40	71.2	40
Brechin High	16/12/57	99	35	35.3	64	64.7	62
Forfar Academy	25/11/57	135	30	22.2	105	77.8	102
Webster's Seminary	4/ 2/58	60	19	31.6	40	68.4	40
Montrose Academy	16/12/57	143	27	18.9	114	81.1	114
Carnoustie	3/ 2/58	43	15	34.8	28	65.2	28
Craig	17/12/57	9	3	33.3	6	66.6	6
Edzell	17/12/57	15	3	20.0	11	80.0	11
Friockheim	17/12/57	27	5	18.5	22	81.5	20
Inverkeilor	17/12/57	23	4	17.4	19	82.6	19
Letham	4/ 2/58	21	4	19.0	15	81.0	15
Monifieth	3/ 2/58	36	12	33.3	24	66.6	24
Muirhead of Liff	3/ 2/58	21	5	23.8	16	76.2	16
Murroes	3/ 2/58	23	5	21.7	18	78.3	18
Newtyle	4/ 2/58	24	6	25.0	18	75.0	18
Tannadice	4/ 2/58	16	2	12.5	14	87.5	14
		—	—	—	—	—	—
		880	218	25.1	649	74.9	642
		—	—	—	—	—	—

In the previous year children born in the year 1943 or before were submitted to B.C.G. testing when, of the 2,033 children skin tested, 1,335 or 65.6% were negative. This year, dealing only with those born in 1944, 880 children were skin tested and 649 or 73.7% were negative showing that they had not come into contact with tuberculosis and had not developed a resistance to the diseases as shown by the Mantoux Skin Test.

Because of the urgency of poliomyelitis vaccination and the institution of a 3rd injection with poliomyelitis vaccine it was not possible to fit in the 1945 year age group for B.C.G. vaccination in the school year 1958/59 but those who had accepted vaccination will be given the opportunity in the autumn of 1959 when the 1946 age group are due.

B. CHIROPODY SERVICE.

As intimated in last year's report this service, from September 1957 until May 1958, was handicapped by the absence of a full-time chiropodist and the scheme was continued by utilising the services of

part-time chiropodist. In May 1958, Mr William Beedle, who had been practicing privately in North Devon, was appointed and commenced duty on 5th May, 1958. Mr Beedle, in addition to his qualifications as a chiropodist, has been trained in the fitting of chiropoedial appliances and his experience in this comparatively new branch of chiropody has been extremely useful and of great benefit to many old persons suffering from such conditions as bunions, partial amputations of the foot and other crippling defects. By the end of December, 53 persons had been fitted with appliances of various types.

During the year 1,098 persons were given chiropody treatment on 3,701 occasions as follows:—

Burgh.				Clinic.	Patient's Own Home.	Welfare Homes.
Arbroath	...	...	...	289	64	40
Montrose	...	...	...	114	18	28
Kirriemuir	...	...	...	64	12	20
Monifieth	...	...	...	27	10	—
Carnoustie	...	...	...	29	12	—
Brechin	...	...	...	62	17	31
Forfar	...	...	...	78	51	39
Landward Area	...	...	...	45	48	—
Total				708	232	158
Discontinued during year				70	63	22
Receiving treatment as at 31/12/58				638	169	136

C. PREVENTION OF ACCIDENTS IN THE HOME

As detailed in last year's report, the education of the public regarding home accidents is mainly dependent on the instructions given by the Health Visitors when paying their routine visits in connection with maternity and child welfare and welfare visits to the elderly. Use is made of the leaflets published by the Scottish Council for Health Education.

During the year 15 deaths were recorded as due to accidents in the home; two of which were in children under 1 year and of the other 13, one was in the age group 55-65; one in the age group 65-75; six in the age group 75-85; and five over the age of 85.

D. SMOKING AND LUNG CANCER.

The various approaches to the adolescent as intimated in last year's report were continued during the year.

7. INFECTIOUS DISEASES

During 1958 there were 151 confirmed cases of notifiable infectious diseases compared with 234 in 1957, 186 in 1956 and 229 in 1955.

Cerebro-spinal fever	...	...	...	...	...	1
Dysentery	...	...	...	...	...	13
Erysipelas	...	...	...	...	...	3
Acute Poliomyelitis	...	...	...	...	...	17
Acute Primary Pneumonia	...	...	...	...	...	27
Scarlet Fever	...	...	...	...	...	64
Whooping Cough	...	...	...	...	...	25
Ophthalmia Neonatorum	...	...	...	...	...	1

For the tenth successive year there were no cases of diphtheria and there were no cases of acute influenzal pneumonia notified in 1958 compared with 23 in 1957. The number of cases of whooping cough fell from 106 in 1957 to 25 in 1958 and no cases of food poisoning were reported during 1958 compared with 7 in 1957. Of the other infectious diseases, Scarlet Fever increased from 43 to 64 cases and was more prevalent towards the end of the year but was of an extremely mild form. Poliomyelitis was prevalent in the Montrose area during the summer and accounted for 10 of the 17 notified cases. Of the other 7 cases 2 occurred in Brechin, 1 in Forfar and 1 in Monifieth, 2 in Brechin district and 1 in the Arbroath district. There were no deaths but 8 of the cases required further treatment in the orthopaedic unit at Stracathro Hospital after recovery from the acute stage of the illness.

Of the 17 cases, 7 were under 2 years of age and 6 were between the ages of 5 and 7. The remaining 4 cases were aged 14, 17, 28 and 37. The youngest cases were aged 6 months and 7 months and of the 17 cases, 4 were female and 13 male.

	March.	July.	August.	September.	October.
Brechin Burgh	...	1	—	1	—
Forfar Burgh	...	—	1	—	—
Montrose Burgh	...	—	1	7	2
Monifieth Burgh	...	—	1	—	—
Brechin Landward	...	—	—	1	1
Arbroath Landward	...	—	1	—	—

8. DOMESTIC HELP

During 1958, 94 cases received domestic help compared with 92 last year as follows:—

				Chronic Sick, Aged and Infirm.		Otherwise.
Brechin Burgh	...	...	...	27	—	—
Carnoustie Burgh	...	...	...	6	—	1
Forfar Burgh	...	...	...	21	—	1
Kirriemuir Burgh	...	...	...	—	—	—
Monifieth Burgh	...	...	...	—	—	—
Montrose Burgh	...	...	...	18	—	—
Landward Area	...	...	...	17	—	3
				89	—	5
				—	—	—

Of the 89 cases receiving home help on account of chronic sickness, or age and infirmity, 84 were of pensionable age and 5 were under that age. The chronic illness from which these 5 suffered were—Cancer 2 cases, Diabetes, Disseminated Sclerosis and Rheumatoid Arthritis 1 case each.

The five cases receiving home help in the second column were on account of more temporary illness, viz.—Cardiac, post operative on discharge from hospital, post confinement on discharge from hospital, Tuberculosis and one surgical case encased in a spinal plaster.

The domestic help service in Angus is used mainly by the aged and in these cases, without the home help service, the majority would require admission to a welfare home or hospital. Some of these cases have been in hospital either in the geriatric ward for rehabilitation or in the general, medical or surgical wards. The majority of these old persons require only from 1-3 hours attention daily. In three cases the hours are spaced out to provide them with the necessary meals. In other cases these are supplied by neighbours or by the W.V.S., or the old person is able to cope with cooking but unable to attend to household cleaning, especially in old houses upstairs with outside cellars, etc.

9. MENTAL HEALTH

During 1958, 25 cases of lunacy were dealt with under the Council's arrangements for mental health. All cases were certified and admitted to a Mental Hospital. Under Section 9(2) of the Lunacy (Scotland) Act 1866, intimation was received from the Superintendents of Mental Hospitals regarding the proposed discharge of 6 cases. After investigation of the home circumstances as prescribed by the Act, 4 were discharged.

During the year two cases were certified as mentally deficient and admitted to Baldovan Institution. Both cases were the responsibility of the Welfare Department. Four cases were re-certified on reaching the age of 16 and were retained in Baldovan.

At present there are 26 children certified as mental defectives in Baldovan and other institutions who are the responsibility of the Edu-

education Department, i.e., they are educable or trainable; and 65 certified defectives in Baldovan and other institutions including Welfare Homes who are over school age or are ineducable and untrainable. In previous reports those defectives in welfare homes were not included in this number.

All boarded out certified defectives and boarded out lunatics including those in the Welfare Homes are visited quarterly by the medical staff and on such other occasions as necessary. During the year there were 34 such cases on the visiting list, and the number of visits paid to these cases during the year was 137.

10. NURSERIES AND CHILD-MINDERS REGULATIONS

Children boarded out under the care of the local authority are visited and examined every six months by the medical staff. During the year 103 children were on the visiting list and 170 visits made to the homes of these children for the purpose of medical supervision.

11. PORT HEALTH ADMINISTRATION

During the year 20 foreign vessels arrived at Montrose direct from foreign ports with cargoes of Potash, etc., 13, Timber 2, Fruit 1, General 1, and 3 were light. All had a clean bill of health on arrival.

12. FOOD SUPPLIES

Details of the work done in relation to the administration of the various Acts, Orders and Bye-laws in connection with Milk and Ice-cream will be found in the report by the Sanitary Inspector.

There were no cases of food poisoning notified and confirmed during the year.

There were no changes during the year at any of the three slaughterhouses at Forfar, Brechin and Montrose in regard to the arrangements for meat inspection.

13. MEDICAL FUNCTIONS UNDER THE NATIONAL ASSISTANCE ACT

The County Council maintain four Welfare Homes, three of which, St Drostan's, Brechin, Beechie House, Kirriemuir, and Beechhill, Forfar, are set aside for the aged and accommodate a total of 69 old persons, while Lordburn House, Forfar, provides accommodation for 40 handicapped persons, of whom at the end of the year, 22 were in the old age pensioner age-group, of whom 6 were physically handicapped and 1 mentally.

There are now no private homes registered for the admission of old persons under Section 37 of the Welfare Act.

Dorward House, Montrose, a voluntary institution for the aged of both sexes, accommodates 40 persons, most of whom are local authority cases; the cost of their maintenance being supplemented by the County Council.

The medical supervision of the residential accommodation provided under the Act is carried out by the Medical Officer of Health.

During the year 52 cases were medically examined with regard to their fitness to be admitted to Welfare Homes in the County.

During 1958, 1 case and her child were dealt with under the authority's scheme for the care of unmarried mothers. Both were accommodated in the Salvation Army's Hostel in Dundee for 58 days carried over from 1957.

BURGH OF BRECHIN

The mid-year population for 1958 was estimated to be 7,401, an increase of 8 over last year. During the year 118 live-births were allocated to the burgh, of whom 6 were born in the burgh. There were 4 illegitimate births and 2 still-births during the year.

Marriages registered numbered 80. Deaths corrected for residence in the burgh numbered 91. The chief causes of death were Heart Disease 33; Cancer 20; Cerebral Haemorrhage 15. Of the 91 deaths, 72 persons attained the age of 65 years and over at death. There was 1 infant death compared with 3 last year, giving an infant mortality rate of 8.4 which is again lower than the County rate of 23.

During the year there were 23 confirmed cases of notifiable infectious diseases, Scarlet Fever 1; Pulmonary Tuberculosis 5; Non Pulmonary Tuberculosis 3; Erysipelas 2; Poliomyelitis 2 and Whooping Cough 10.

There were 75 factories registered under the Factories Act of 1937. During the year 8 visits of inspection were made. No defects were noted.

BURGH OF CARNOUSTIE

The mid-year population of the burgh in 1958 was estimated to be 5,202, a decrease of 18 in the year. The number of live births allocated to the burgh was 71 of whom 8 were born in the burgh. There were 2 illegitimate births and 1 still-birth.

Marriages registered numbered 21. Deaths corrected for residence numbered 88. The principal causes of death were Heart Disease 49;

Cancer 18; Cerebral Haemorrhage 8. Of the 88 deaths 68 persons attained the age of 65 years and over at death. There were no infant deaths.

There were 12 cases of infectious disease during the year. Whooping Cough 2; Pulmonary Tuberculosis 8, and Scarlet Fever 2.

There were 55 factories registered under the Factories Act of 1937 and during the year 23 visits of inspection were made. No defects were noted.

BURGH OF KIRRIEMUIR

The mid-year population of the burgh in 1958 was estimated to be 3,514, an increase of 12 on the previous year. During the year 46 live births were allocated to the burgh of whom 7 were born within the burgh. There were 2 illegitimate births. There were no still-births.

Marriages registered during 1958 numbered 39. Deaths corrected for residence numbered 72. The principal causes of death were Heart Disease 26; Cerebral Haemorrhage 12; Cancer 19. There was one death from Tuberculosis. Of the 72 deaths, 60 persons attained the age of 65 years and over at death. There were 2 infant deaths during the year giving an infant mortality rate of 43.5.

Eight cases of infectious disease were confirmed during the year; Acute Primary Pneumonia 3 and Pulmonary Tuberculosis 5.

There were 63 factories registered under the Factories Act of 1937 and during the year 65 visits of inspection were made which revealed one case of unsuitable or defective sanitary conveniences and 3 cases of want of cleanliness. All were remedied during the year.

BURGH OF MONTROSE

The mid-year population for 1958 was estimated at 10,741, a decrease of 37 on the previous year. Live births allocated to the burgh numbered 185 of whom 13 were born in the burgh. There were 7 illegitimate births. There were 3 still-births during the year.

Marriages registered numbered 101. Deaths corrected for residence numbered 156. The principal causes of death were Heart Disease 60; Cancer 20; Cerebral Haemorrhage 21 and Tuberculosis 5. Of the 156 deaths, 118 persons attained the age of 65 years and over at death. There were 4 infant deaths during the year giving an infant mortality rate of 21.

Twenty-two cases of infectious disease were confirmed during the year; Pulmonary Tuberculosis 10; Pneumonia 1; Non Pulmonary Tuberculosis 1 and Poliomyelitis 10.

BURGH OF FORFAR

The mid-year population for 1958 has been estimated by the Registrar General to be 10,086, an increase of 64 on the previous year. The number of live births allocated to the burgh was 154 of whom 2 were illegitimate. There were 7 domiciliary births in the burgh during the year. There were 3 still-births during 1958.

Marriages registered numbered 120. Deaths corrected for residence numbered 129. The principal causes of death were Heart Disease 72; Cerebral Haemorrhage 23; Cancer 20; Pulmonary Tuberculosis 3. Of the 129 deaths, 91 persons attained the age of 65 years and over at death. There were 4 deaths in children under 1 year giving an infant mortality rate of 26 per 1,000 live births.

There were 27 cases of notifiable infectious disease confirmed during the year; Whooping Cough 4; Pulmonary Tuberculosis 3; Dysentery 4; Pneumonia 1; Scarlet Fever 13; Poliomyelitis 1; Cerebro spinal Fever 1.

BURGH OF MONIFIETH

The mid-year population for the year 1958 was estimated to be 3,362, a decrease of 24 on the previous year. The number of live births allocated to the burgh was 46 of whom 2 were illegitimate. The number of births within the burgh was 2. There was 1 still-birth during 1958.

Marriages registered numbered 21. Deaths corrected for residence numbered 59. The principal causes of death were Heart Disease 23; Cerebral Haemorrhage 10; Cancer 10; Pulmonary Tuberculosis 1. Of the 59 deaths, 44 persons attained the age of 65 years and over at death. There was 1 death in children under 1 year giving an infant mortality rate of 22.

There were 7 cases of notifiable infectious disease confirmed during the year, Pneumonia 3; Erysipelas 1; Scarlet Fever 1; Poliomyelitis 1 and Pulmonary Tuberculosis 1.

SCHOOL MEDICAL SERVICE.

REPORT FOR THE YEAR ENDING 31st JULY, 1958.

1. STAFF

There were no changes in the staffing of the department during the year.

2. GENERAL STATISTICS

The population of the area of the Education Authority (including the large Burgh of Arbroath 19,800) at 30th June, 1958, was 97,100.

Number of Schools—

(a) Primary	...	...	...	...	...	96
(b) Secondary—Junior	...	...	...	...	...	11
Senior	...	...	...	...	...	5
(c) Special Schools	...	...	...	...	...	—
(d) Special Classes in ordinary schools	...	...	...	...	...	5
No. of Children on Registers	...	...	...	...	...	15,555
No. of Children in average attendance	...	...	...	...	...	14,500

3. SANITARY CONDITIONS

On the occasion of the annual visit to each school for the purpose of systematic inspection of children, the buildings are also inspected and any major defects are reported to the Director of Education.

4. ORGANISATION AND ADMINISTRATION

There has been no change in the organisation or administration of the service which has been detailed in previous reports.

A. SYSTEM AND EXTENT OF MEDICAL INSPECTION AND TREATMENT

All Schools in the County were visited for routine inspection of the children falling into the age-groups as detailed by the Department of Health, viz.:—(1) the entrants; and those born in the years (2)—1948; (3) 1944; and (4)—1941. The statistical tables I to IV at the end of this report detail the results of the inspection. Children born in the year 1950 were also examined in respect of sight and hearing.

In addition to these examinations, pupils who were due to be systematically examined last year, but who were absent at the time of the school inspection, were also examined. Children of all ages who had been found at a previous examination to be suffering from defects were also examined in respect of these defects.

Special visits were paid to schools for such purposes as the examination of infectious diseases, diphtheria immunisation, B.C.G. and Poliomyelitis vaccination, examination of physical and mental defects in relation to the child's suitability for education in an ordinary school or the desirability of admission to a special School for the blind, deaf and dumb, epileptic, cripple, or mental hospitals, etc. Children on whose behalf claims for transport are made by the parents or guardians to the Director of Education are also examined. Examination of children for other specific purposes is also undertaken, e.g. prolonged absence from school without apparent cause and at the request of the Clerk to the District Committee. In most of these special examinations a visit or visits to the homes are necessary and many of the preliminary examinations are carried out in the pupil's home.

Treatment clinics conducted by the Medical Staff for Minor Ailments and defects are held weekly in the Burghs of Forfar, Arbroath, Montrose and Brechin. Specialist clinics are held periodically in these Burghs for diseases of the eyes and defect of vision, orthopaedics and mental deficiency. Defects of the ear, nose and throat are referred to the Specialist at the Out-Patients' departments at Forfar, Arbroath and Montrose Infirmaries and Stracathro Hospital. The Specialists are provided by the Eastern Regional Hospital Board and the clinic sessions are organised by the County Council's Medical Staff. The cases referred to these Specialist Clinics have been detected either at the routine medical inspection or through the special examinations referred to in the last paragraph. The Family Doctors also refer a number of cases through the School Medical Officer.

B.C.G. VACCINATION.

During this school year B.C.G. vaccination was offered to all children aged 13 years. This scheme for the prevention of tuberculosis under Section 27 of the National Health Service Acts was a combined scheme of the County of Angus and the large Burgh of Arbroath and was carried out through the School Medical Service by the County Medical Staff.

Throughout the area 949 consents were received and 164 refusals. Of the consents 10 gave a history of contact with known cases of tuberculosis and 52 a history of previous skin testing; all these 62 children were referred to the Area Chest Physician for full investigation including X-ray. A full report of the B.C.G. Vaccination findings will be found in the section on Prevention, Care and After-Care of Tuberculosis of the annual reports of the County Medical Officer and the Medical Officer of the Burgh of Arbroath. Throughout the area, of those consenting to vaccination numbering 880, 649 were found to have a negative skin test (73.75%) and of those 642 received B.C.G. vaccine.

EYE CLINICS

Arbroath—West Keptie Street Clinic—Wednesday at 1 p.m. or Thursday at 9.30 a.m.

Brechin Damacre School Clinic—One Thursday of each month at 9.30 a.m.

Dundee—Dundee Eye Institution—Wednesday at 2 p.m.

Forfar—Ravenswood Clinic—First and third Thursday of each month at 1.30 p.m.

Montrose—Esk House Clinic—Wednesday at 1 p.m. (if not at Arbroath).

Further and alternative clinics are arranged when the numbers require these.

EAR, NOSE AND THROAT CLINICS

Cases are referred to the Ear, Nose and Throat Consultants at Forfar, Dundee, Montrose and Arbroath Infirmaries, and at Stracathro Hospitals who call in the cases by appointment.

ORTHOPÆDIC CLINICS

These Specialist Clinics are held in West Keptie Street Clinic, Arbroath, and at Ravenswood, Forfar. All cases are seen by appointment. The Forfar clinic is held on the first Tuesday of each month from 9 a.m. to 12.30 p.m. while the Arbroath Clinics are held at the same time on the second, third and fourth Tuesday of each month.

In addition to the Specialist Clinics, physiotherapy treatment sessions are held weekly in Arbroath every Tuesday and Friday, and on Saturday mornings and weekly in Forfar on Wednesdays. All sessions are carried out at the Clinics.

MENTAL DEFICIENCY

Clinics for the examination of mental defectives are held weekly on Mondays at the following Centres as required:—

Arbroath—Dewar House
Forfar—Ravenswood Clinic.
Montrose—Esk House Clinic

Brechin—Damacre School Clinic
Monifieth—Seaview Clinic

B. SYSTEM AND EXTENT OF DENTAL INSPECTION AND TREATMENT

The Senior Dental Officer, Mr Cadenhead, reports on the dental service as follows:—

DENTAL REPORT

1957-1958.

I herewith submit the Annual Dental Report for Session 1957-58.

The amount of work completed by four Dental Officers compares favourably with the work done during the previous year with the same Staff. The number of children examined—a little over 50% of the total population—and treated, is far from satisfactory. The work is falling behind very badly which means that each pupil requires more

visits to complete the treatment. Two years ago the emergencies dealt with numbered 231. This has now increased to a total of 684. Such a large number of emergencies can only mean that children are not being seen early enough.

The High Schools have almost been neglected and this, of course, accounts for the big drop in children examined. Some of the Burgh School pupils are now only being seen once in two years which is neither fair to the parents nor the children.

An endeavour to replace the fifth Dentist who left in March, 1955. should be made at an early date.

The Orthodontic work under the consultant supervision of Mr Munro continues to give excellent results. The number of cases completed was 77. With regard to the number of appliances supplied it should be noted that a large number of these, especially the more elaborate types, were made by the mechanic employed by Mr Munro under the Eastern Regional Hospital Board and free of charge to the County.

(Signed) A. L. CADENHEAD.

Senior Dental Officer.

DENTAL STATISTICS 1957-1958.

Number of Burgh Schools	20	Number Inspected	12
Number of Rural Schools	77	Number Inspected	71

SYSTEMATIC INSPECTION AND TREATMENT

(1) Number and ages of Children inspected by Dental Officers:—

Age.					Systematic Inspection.	Emergency Cases.	Total.
Pre-school					15	—	15
5	...	...	...	...	848	22	870
6	...	...	...	...	907	37	944
7	...	...	...	...	1006	37	1043
8	...	...	...	...	1008	67	1075
9	...	...	...	...	1054	69	1123
10	...	...	...	...	1111	54	1165
11	...	...	...	...	1013	83	1096
12	...	...	...	...	569	75	644
13	...	...	...	...	327	64	391
14	...	...	...	...	260	26	286
15	...	...	...	...	90	25	115
16	...	...	...	...	22	1	23
17	...	...	...	...	16	—	16
					8246	560	8806

(2) No. of Children found to Require Treatment	...	...	5035	
		Emergency	560	
		Orthodontic	280	
				5875
(3) No. of Children actually Treated	...	...	2982	
		Emergency	560	
		Orthodontic	280	
				3822
(4) Number of Attendances for Treatment	...	...	2982	
		Emergency	560	
				3542
Number of Additional Attendances	...	...	3353	
		Emergency	124	
				3477
				7019
(5) Number of Fillings in Permanent Teeth	...	...	5109	
		Emergency	472	
				5581
No. of Fillings in Temporary Teeth	...	...	881	
		Emergency	32	
				913
(6) No. of Permanent Extractions	...	...	508	
		Emergency	112	
				620

No. of Temporary Extractions	...	...	...	2571	
			Emergency	237	
					2808
(7) No. of Administrations of Vinesthene	...	...		Nil	Nil
(8) No. of Other Operations	...	...	...	2661	
			Emergency	153	
					2814
No. of Root Treatments	...	...	...	44	
			Emergency	13	
					57
No. of Dentures supplied	...	...	...	32	32
No. of Crowns fitted	...	...	...	4	
			Emergency	6	10
(9) No. of Half days devoted to Inspection	...	...		151 $\frac{3}{4}$	
No. of Half days devoted to Treatment	...	...		1165 $\frac{1}{2}$	

(10)

ORTHODONTIC CASES

No. of Cases	...	...	...	...	...	297
No. of cases completed	...	...	...	...	...	77
No. of Cases continuing	...	...	...	...	...	210
No. non co-operative	...	...	...	...	...	10
No. of Appliances	...	...	...	...	...	168
No. of Sessions	...	...	...	...	...	208 $\frac{1}{4}$

C. SCHOOL NURSING AND ARRANGEMENTS FOR FOLLOW-UP

There were no changes in the school nursing arrangements and the system of follow-up of children suffering from defects, as detailed in previous reports, remains unchanged.

During the year 78,070 children were examined by the nurses compared with 74,492 children last year 1956-57 and 76,033 in the year 1955-56. Visits paid to individual schools by the nurses numbered 1,658 compared with 1,683 last year, 1956-57, and 1,569 in 1955-56. At those visits particular attention is paid by the nurses in the examination of pupils in respect of cleanliness and verminous conditions, and 4 cases of verminous bodies were detected compared with 5 cases last year 1956-57 and 7 cases in the year 1955-56, while 469 dirty heads (nits) and 24 verminous heads were dealt with compared with 424 dirty heads (nits) and 34 verminous heads in the year 1956-57. For all conditions 658 home visits were paid as compared with 634 last year and 726 in the year 1955-56. A summary of the work done by the nursing staff will be found in Table V.

For all verminous conditions 155 notices were sent to the parents and 5 in respect of general uncleanness, or bad clothing or footwear. To be effective these school visits and the sending of notices to offenders must be followed up by a visit to the homes of the children by

nurse and advice given to the parents regarding the eradication of vermin. Repeated notices sent to parents without home visitation has been found, by experience, to be ineffective in curing these conditions. In the worst cases visitation by the medical staff is necessary, and occasionally, the treatment of the case at the clinic. Apart from the sending of 160 notices to parents, 658 home visits were undertaken by the nurses in respect of those verminous conditions.

D. CO-OPERATION WITH THE PUBLIC HEALTH SERVICE.

E. CO-OPERATION WITH VOLUNTARY BODIES.

F. CO-OPERATION WITH TEACHERS AND PARENTS.

There has been no change under these headings.

5. THE FINDINGS OF THE MEDICAL INSPECTION.

In all a total of 11,657 children were examined during the school year compared with 11,002 children examined last year. These examinations were undertaken as follows:—

Systematic examination of age-groups	...	...	4,706
Examination of absentees in previous age-groups	...	...	518
Visual acuity and Hearing of seven-year-old group	...	...	1,336
Re-examination of children found to have defects at previous examinations	...	...	(a) at School 3,366
			(b) at Clinics 1,096
Special cases examined at request of parents, etc.			(a) at School 135
			(b) at Clinics 500
			11,657

The number of individual children inspected at the systematic examinations who were notified to parents as requiring treatment (excluding uncleanness and dental caries) was as follows:—

Entrants	...	...	...	...	160
Second Age-group (born 1948)	...	...	...	...	228
Third Age-group (born 1944)	...	...	...	...	227
Fourth Age-group (born 1941)	...	...	...	...	37
					652

The results of the systematic inspection will be found in Table II, and refer only to the 4,706 children in the years under review.

The following summarises the findings:—

Defect				No. of Cases found to be Defective.	
				Present year 1957-58	Last year 1956-57
Clothing	unsatisfactory	...	...	11	12
Footwear	unsatisfactory	...	...	1	4
Cleanliness of the Head—					
(a)	Nits present	...	...	19	12
(b)	Vermin present	...	...	—	—
Cleanliness of the Body—					
(a)	Unclean	...	...	2	11
(b)	Verminous	...	...	—	—
Skin—Head—					
(a)	Ringworm	...	...	—	—
(b)	Impetigo	...	...	3	3
(c)	Other Diseases	...	...	5	2
Skin—Body—					
(a)	Ringworm	...	...	—	1
(b)	Impetigo	...	...	6	3
(c)	Scabies	...	...	7	—
(d)	Other Diseases	...	...	70	29
Nutrition—					
(a)	Slightly defective	...	...	30	13
(b)	Bad	...	...	—	—
Naso-pharynx—					
Mouth and Teeth Unhealthy				21	9
(a)	Defect of the Nose	...	...	130	109
(b)	Defect of the Throat	...	...	388	304
(c)	Adenitis	...	...	60	47
Eyes—					
(a)	External Diseases	..	...	134	137
(b)	Defects of Vision	...	...	420	297
(c)	Recommended for Refraction			137	102
Ears—					
(a)	Diseases of the Ear	...		37	22
(b)	Defective Hearing—				
	Grade I			48	54
	Grade II			6	8
	Grade III			—	—
Speech—					
(a)	Defective Articulation	...	...	94	74
(b)	Stammering	...	...	22	28
Mental and Nervous Conditions—					
(a)	Backward	...	...	66	55
(b)	Dull	...	...	199	110
(c)	Mentally Defective	...	...	25	18
(d)	Highly Nervous	...	...	23	16
(e)	Difficult in Behaviour	...	...	3	3

Defect	No. of Cases found to be Defective.	
	Present Year 1957-58	Last Year 1956-57
Circulatory System—		
(a) Organic Disease	10	26
(b) Functional Conditions	10	12
Lungs—		
(a) Chronic Bronchitis	13	11
(b) Asthma and Other Diseases	89	51
(c) Suspected Tuberculosis	6	7
Deformities—		
(a) Congenital	29	26
(b) Acquired	268	275
Infectious Diseases	1	1
Other Diseases or Defects	147	121

The percentage of children free from defects was 65.75 compared with 70.46 last year, 72.98 in 1955-56 and 78.58 in 1954-55.

The results of the systematic inspection are, in the main, similar to previous years.. In general the improvement in general cleanliness of the children recorded last year has been maintained. An increase in the incidence of scabies was noted during the year, as also were infections of the upper respiratory tract of a temporary nature. An increase in the number of children with defective vision at 420 compared with 297 in the previous year is due to the fact that this year all entrants at the age of 5 were submitted to an eye test whereas formerly this was delayed until the child was 7 years old.

6. MEDICAL TREATMENT

A. Treatment of Minor Ailments.

The following table gives details of the 730 children treated for minor ailments at the clinics in Arbroath, Forfar, Brechin and Montrose and at rural schools involving 2,188 attendances.

Minor Ailments.	Burghs.		Rural.	
	No. of Cases.	No. of Treatments.	No. of Cases.	No. of Treatments.
1. Cuts, Bruises, Sprains and Minor Injuries	86	239	151	680
2. Diseases of the Ear	8	10	9	65
3. Diseases of the Eye (Conjunctivitis, Ulcer, etc.)	68	119	3	10
4. Diseases of the Skin:				
Ringworm of the Scalp	—	—	—	—
Ringworm of the Face	—	—	—	—
Ringworm of the Body	—	—	4	9
Scabies	54	239	18	44
Impetigo	33	73	12	31
Other Diseases	251	416	33	253
Totals	500	1096	230	1092

B. Defective Vision

Children with defective vision are referred to a consultant oculist provided by the Regional Hospital Board at the clinics in Forfar, Brechin, Montrose and Arbroath or at the Eye Institution, Dundee, for those children residing near Dundee. The sessions are held in the clinics provided by the local authority and details of these have been given under Section A of this report.

The following table gives details of the children referred during the year:—

No. of examinations made	...	...	...	...	1713
No. of children examined by Eye Specialists	...	...	...	...	1364
No. of children for whom glasses were prescribed or who were wearing suitable glasses	...	...	...	...	1128
No. of children for whom no glasses were prescribed	...	...	...	...	236
No. of children referred for hospital or clinic treatment	...	...	...	60	} These figs. are incl. in either 1128 or 236.
No. of children for operation	...	...	...	6	

C. Treatment of Diseases of Ear, Nose and Throat

Children suffering from diseases of the ear, nose and throat were seen by the consultants at special sessions held in Forfar, Arbroath, Montrose and Dundee Infirmarys and Stracathro Hospital.

No. of notices sent to parents	...	...	...	...	83
No. of children referred to Consultants	...	...	...	...	47
No. of children for hospital treatment	...	...	...	...	29

The children referred for hospital treatment are called in for such treatment through the hospital service and are dealt with at the hospital nearest to their home.

D. Treatment of Orthopædic Defects

Children suffering from orthopædic conditions are referred to the Regional Orthopædic Consultant who holds clinics periodically at the Arbroath Clinic and Ravenswood Clinic, Forfar. Other cases resident in the Brechin and Montrose areas are referred to Stracathro Hospital Out-Patient Department. Physiotherapy sessions are held at Arbroath School Clinic and Ravenswood, Forfar by physiotherapists from the Staff of the Regional Hospital Board based on the Kemback Street Clinic, Dundee. A number of children resident in the landward area of Dundee are referred to Kemback Street, Dundee, both for consultation and treatment:—

1. Cases referred to Consultant	...	...	...	...	608
2. Cases attending for Physiotherapy	...	...	...	...	180
3. Cases recommended for hospital treatment	...	...	...	...	14
4. Cases admitted to hospital	...	...	...	...	13

7. SPECIAL SCHOOLS AND CLASSES

There are no Special Schools in the County but there are 4 special classes in ordinary schools in Forfar, Montrose and Carnoustie. These classes deal with children who are very backward or are high-grade mental defectives. At the beginning of 1957 a class was commenced in Arbrogath in the Abbey School buildings, now part of Parkhouse school, to deal with the intrinsically dull and high-grade feeble-minded pupils in the Burgh schools. At the close of the session there were 9 such children in this class.

Early in 1958 a branch of the Scottish Association of Parents of Handicapped Children was formed in Forfar and through their activities a class for severely mentally handicapped children was commenced in Forfar on 12th May. Premises were made available by the Education Committee in the old West School and six children, who are ineducable in an ordinary school but trainable in occupational therapy, were admitted. The responsibility for this Class was completely assumed by the Education Committee as from the beginning of the present school year, 25th August, 1958.

For children who suffer from defects, mental or physical, to such an extent that education in a Special School is necessary, the local Authority has to depend on Institutions or Schools owned by other agencies for such conditions as the blind or partially sighted, the deaf and dumb, or the physically or mentally handicapped. Those children who are mentally handicapped especially if they also suffer from a physical handicap, e.g. deafness, blindness or a crippling disability such as spasticity are a problem, as the Special Schools for the deaf, blind and cripples will not accept a pupil unless they are of normal intelligence.

There are 57 children from the area of the Education Authority attending Special Schools in various parts of the country.

(a) Physically Defective Children:—

One boy suffering from a crippling disability transferred from a special residential school at East Park Home, Largs, to Stracathro Hospital on 25.9.57.

Two children, a brother and sister, afflicted with asthma, are in the Castlecraig Residential School, Roxburgh.

1 girl suffering from a crippling disability is in Coltness Home, Wishaw.

- 1 girl, Spastic/Mental Defective is in Westerlea School, Edinburgh.
- 1 girl, Spastic, is in Trefoil School, Edinburgh.
- 1 boy, ex-poliomyelitis, is in Challenger Lodge, Edinburgh.
- 1 girl, admitted as cripple with neurosis, is in a Special Hospital School at Old Meldrum, Aberdeenshire.
- 1 boy and 1 girl are at home but are receiving no home tuition—both suffer from physical defects.

(b) Blind and Partially Sighted—

5 Blind children are at present receiving education in Dundee Institution for the Blind (4 boys and 1 girl). 2 boys were discharged to an ordinary school during the year and 1 girl left in December 1957 on attaining 15 years of age.

1 girl is at home and receives no home tuition. Added to her blindness she is a spastic and a mental defective.

(c) Deaf and Dumb—

11 children are receiving education in Special Schools—Dundee Institution for the Deaf and Dumb 4 girls and 1 boy; Donaldson's Hospital for the Deaf, Edinburgh, 2 girls and 2 boys; St Vincent's School for the Deaf, Glasgow, 1 boy; and Polmuir Road School, Aberdeen, 1 girl.

5 pupils—2 girls and 3 boys—have been supplied with Hearing Aids.

1 girl suffers from Hereditary Deafness.

(d) Epileptics:—

There were no children from Angus residing in a special school for Epileptics during the year.

(e) Mental Defectives:—

During the year 19 children were in Baldovan Institution (8 girls and 11 boys); 1 boy was in St Joseph's, Rosewell, Midlothian; 2 girls in Larbert Institution; 1 boy in a private Edinburgh Home; 1 girl in Montrose Mental Hospital; 1 boy in St Charles' Institution, Carstairs; 1 girl in Rubislaw Occupational Centre, Aberdeen; 2 girls in Rudolf Steiner School, Aberdeen; 2 boys in Naemoor School, Perth; 2 boys and 1 girl in Fairmuir Special School, Dundee, making a total of 33.

(f) Home Tuition:—

5 children—4 boys and 1 girl—who were unable to attend school during the year or part of the year were given home tuition.

(g) Speech Therapy:—

The following table details the position of speech therapy during the year:—

	Articulatory Defects.	Stammers.	Cleft Palates.	Total.
No. of cases under treatment as at 1st August, 1957	69	21	6	96
No. commencing treatment during year	19	20	—	39
Total No. treated during year	88	41	6	135
No. discharged during year	46	13	2	61
No. remaining for treatment at the end of the year	42	28	4	74
No. of new cases referred during year	...	...	...	71
Total No. now in waiting list as at 31st July, 1958	...	...	...	69

HEIGHTS AND WEIGHTS

	Number Examined	Average Age Years Months	Height Inches	Weight Lbs.
Entrants	Boys 681	5 6.5	23.6	43.9
	Girls 624	5 6.1	43.4	42.88
Second Age-Group	Boys 807	9 7.9	52.7	66.07
Born 1948	Girls 762	9 7.9	53.1	66.24
Third Age-Group	Boys 673	13 7.1	60.6	101.99
Born 1944	Girls 636	13 6.1	60.3	97.01
Fourth Age-Group	Boys 83	16 5.7	70.02	138.29
Born 1941	Girls 63	16 5.4	63.7	121.03

THE FINDINGS OF MEDICAL INSPECTION

STATISTICAL TABLES

TABLE I.

A. Total number of children examined at:—

	Systematic Examinations.	Other Systematic Examinations.
1. Entrants	1615	New admissions and absentees outwith the age groups.
2. Second Age-Group (Born 1948) ...	1595	
3. Third Age-Group (Born 1944) ...	1331	
4. Fourth Age-Group (Born 1941) ...	165	
Total ...	4706	518

B. Other Examinations:—

1. Children born in 1950 (examined for Visual Acuity and Hearing)	1336
2. Re-Inspections by Medical Officers	
(a) Seen at Schools	3366
(b) Seen at Clinics	1096
3. Special Cases seen by Medical Officers	
(a) Seen at Schools	135
(b) Seen at Clinics	500
Total	6433

C. Number of individual children inspected at Systematic Examinations who were notified to parents as requiring treatment (excluding uncleanliness and dental caries):—

1. Entrants	160
2. Second Age-group (born in 1948) ...	228
3. Third Age-group (born 1944) ...	227
4. Fourth Age-group (born 1941) ...	37
Total	652

This includes children in these age-groups notified to attend the eye Specialists' Clinics.

TABLE II.
SYSTEMATIC EXAMINATIONS.

Return of Number and Percentage of Individual Children in each age-group suffering from particular defects:—

[illegible]

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
4. SKIN— (a) Head	4706										
	No. examined	842	773	801	794	677	654	83	82	2403	2303
	Ringworm	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
	Impetigo	1	1	—	—	—	1	—	—	1	2
	Percentage	0.12	0.13	—	—	—	0.15	—	—	0.04	0.09
	Other Diseases	2	1	1	—	—	1	—	—	3	2
	Percentage	0.24	0.13	0.12	—	—	0.15	—	—	0.12	0.09
	Ringworm	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
(b) Body	Impetigo	—	3	—	—	—	3	—	—	—	6
	Percentage	—	0.39	—	—	—	0.46	—	—	—	0.28
	Scabies	3	—	2	1	—	1	—	—	5	2
	Percentage	0.36	—	0.25	0.12	—	0.15	—	—	0.21	0.09
	Other Diseases	20	15	9	8	11	6	1	—	41	29
	Percentage	2.38	1.94	1.12	1.01	1.62	0.92	1.29	—	1.71	1.27

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	4706										
5. NUTRITIONAL STATE—											
No. examined		842	773	801	794	677	654	83	82	2403	2303
Slightly defective		4	5	5	8	3	5	—	—	12	18
Percentage		0.48	0.65	0.62	1.01	0.44	0.76	—	—	0.50	0.78
Bad		—	—	—	—	—	—	—	—	—	—
Percentage		—	—	—	—	—	—	—	—	—	—
6. MOUTH AND TEETH UNHEALTHY.											
No. found unhealthy		5	7	2	2	4	1	—	—	11	10
Percentage		0.59	0.91	0.25	0.25	0.59	0.15	—	—	0.46	0.43
7. NASO-PHARYNX—											
(a) Nose—		38	32	8	16	5	3	—	—	51	51
1. Obstruction		4.51	4.14	1.00	2.02	0.74	0.46	—	—	2.12	2.21
		8	1	4	1	2	1	—	—	14	3
2. Obstruction		0.95	0.13	0.50	0.12	0.29	0.15	—	—	0.58	0.14
		1	2	5	1	2	—	—	—	8	3
3. Other Conditions		0.12	0.26	0.62	0.12	0.29	—	—	—	0.33	0.14

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group (Born 1948)		Third Age-Group (Born 1944)		Fourth Age-Group (Born 1941)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
7. NASO-PHARYNX (Contd.)— (b) Throat (1) Tonsils	4706										
	No. examined	842	773	801	794	677	654	83	82	2403	2303
	Requiring operation	98	119	40	52	26	22	—	—	164	193
	Percentage	11.64	15.39	4.99	6.55	3.84	3.36	—	—	6.82	8.88
(2) Tonsils	Requiring observation	7	15	1	5	1	2	—	—	9	22
	Percentage	0.83	1.94	0.12	0.63	0.15	0.31	—	—	0.37	0.96
(c) Glands	Requiring observation	17	18	9	11	2	1	1	—	29	30
	Percentage	2.02	2.33	1.12	1.38	0.29	0.15	1.20	—	1.21	1.38
	Requiring operation	—	—	1	—	—	—	—	—	1	—
	Percentage	—	—	0.12	—	—	—	—	—	0.04	—

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
		4706									
8. Eyes— (a) External Diseases	No. examined	842	773	801	794	677	654	83	82	2403	2303
	Blepharitis	5	3	4	2	—	3	—	—	9	8
	Percentage	0.59	0.39	0.50	0.25	—	0.46	—	—	0.37	0.39
	Conjunctivitis	2	2	1	—	2	2	—	—	5	4
	Percentage	0.24	0.26	0.12	—	0.29	0.31	—	—	0.21	0.18
	Corneal Opacity	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
	Strabismus	26	38	13	12	6	2	—	—	45	52
	Percentage	3.09	4.92	1.62	1.51	0.89	0.31	—	—	1.87	2.25
	Other Diseases	3	2	3	2	—	—	1	—	7	4
Percentage	0.36	0.26	0.37	0.25	—	—	1.20	—	0.29	0.18	

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
8. Eyes—(Contd.)	4706										
(b) Visual Acuity (excluding Entrants).	No. examined	842	773	801	794	677	654	83	82	2403	2303
	Fair Vision— 6/9 or 6/12 better eye	55	57	58	76	28	53	5	6	146	192
	Percentage Bad Vision— 6/18 or worse better eye	6.53	7.37	7.24	9.57	4.14	8.10	6.02	7.32	6.08	8.33
	Percentage	22	12	25	10	7	4	2	—	56	26
	Recommended for Refraction	2.61	1.55	3.12	1.26	1.03	0.61	2.40	—	2.33	1.12
	Percentage	22	16	25	32	15	22	3	1	65	72
		2.61	2.07	3.12	4.03	2.21	3.51	3.61	1.22	2.70	3.12

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	-4706										
No. examined		842	773	801	794	677	654	83	82	2403	2303
Otorrhoea		2	4	1	2	—	5	—	—	3	11
Percentage		0.24	0.52	0.12	0.25	—	0.77	—	—	0.12	0.51
Other Diseases		9	—	6	2	2	3	1	—	18	5
Percentage		1.07	—	0.75	0.25	0.29	0.46	1.20	—	0.75	0.02
Grade I.		5	1	11	13	8	9	—	1	24	24
Percentage		0.59	0.13	1.37	1.64	1.18	1.38	—	1.22	1.00	1.10
Grade IIa.		—	—	—	—	2	3	1	—	3	3
Percentage		—	—	—	—	0.29	0.46	1.20	—	0.12	0.14
Grade IIb.		—	—	—	—	—	—	—	—	—	—
Percentage		—	—	—	—	—	—	—	—	—	—
Grade III.		—	—	—	—	—	—	—	—	—	—
Percentage		—	—	—	—	—	—	—	—	—	—

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
11. MENTAL AND NERVOUS CONDITIONS—(Contd.)	4706										
(c) Mentally Defective	No. examined	842	773	801	794	677	654	83	82	2403	2303
	Educable	4	3	3	5	7	2	—	—	14	10
	Percentage	0.48	0.39	0.37	0.63	1.03	0.31	—	—	0.58	0.46
	Ineducable	—	—	1	—	—	—	—	—	1	—
	Percentage	—	—	0.12	—	—	—	—	—	0.04	—
(d) Highly Nervous or Unstable		8	6	5	3	—	1	—	—	13	10
	Percentage	0.95	0.78	0.62	0.38	—	0.15	—	—	0.54	0.46
		1	1	—	1	—	—	—	—	1	2
(e) Difficult Behaviour	Percentage	0.12	0.13	—	0.12	—	—	—	—	0.04	0.09

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
4706											
12. CIRCULATORY SYSTEM—	No. examined	842	773	801	794	677	654	83	82	2403	2303
(a) Organic Heart Disease	Congenital	2	1	1	—	—	—	—	—	3	1
	Percentage	0.24	0.13	0.12	—	—	—	—	—	0.12	0.05
	Acquired	2	1	1	—	1	1	—	—	4	2
	Percentage	0.24	0.13	0.12	—	0.15	0.15	—	—	0.17	0.09
(b) Functional Heart Con- ditions.	Functional	4	5	—	—	—	1	—	—	4	6
	Percentage	0.48	0.65	—	—	—	0.15	—	—	0.17	0.26
13. Lungs.	Chronic Bronchitis	6	6	1	—	—	—	—	—	7	6
	Percentage	0.71	0.78	0.12	—	—	—	—	—	0.29	0.28
	Suspected Tuberculosis	—	—	2	—	3	1	—	—	5	1
	Percentage	—	—	0.25	—	0.44	0.15	—	—	0.21	0.05
	Other Diseases	27	22	14	5	17	4	—	—	58	31
	Percentage	3.20	2.85	1.75	0.63	2.51	0.61	—	—	2.41	1.34

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups.	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
4706											
14. DEFORMITIES—	No. examined	842	773	801	794	677	654	83	82	2403	2303
(a) Congenital Defects	Percentage	4	7	6	5	4	3	—	—	14	15
		0.48	0.91	0.75	0.63	0.59	0.46	—	—	0.58	0.69
(b) Acquired	Due to Poliomyelitis	2	2	—	1	—	1	—	—	2	4
	Percentage	0.24	0.26	—	0.12	—	0.15	—	—	0.08	0.18
(c) Do.	Due to Rickets	—	—	—	—	—	—	—	—	—	—
	Percentage	—	—	—	—	—	—	—	—	—	—
(d) Do.	Due to Other Causes	70	51	33	49	29	28	—	2	132	130
	Percentage	8.31	6.60	4.12	6.17	4.28	4.28	—	2.44	5.49	5.64

TABLE II (Continued)

Nature of Defect.	Total examined at all ages.	Entrants.		Second Age-Group. (Born 1948)		Third Age-Group. (Born 1944)		Fourth Age-Group. (Born 1941)		All Age-Groups	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
	4706	842	773	801	794	677	654	83	82	2403	2303
15. INFECTIOUS DISEASES—	No. examined	—	—	—	—	1	—	—	—	1	—
	Percentage	—	—	—	—	0.15	—	—	—	0.04	—
		22	21	37	25	18	24	—	—	77	70
16. OTHER DISEASES OR DEFECTS	Percentage	2.61	2.72	4.62	3.15	2.66	3.67	—	—	3.20	3.03

TABLE III.

Systematic Medical Examinations (excluding Mental Defects)

CLASSIFICATION	Entrants.	Second Age-Group (Born 1948)		Third Age-Group (Born 1944)		Fourth Age-Group (Born 1941)		Total
		Number of Children	%	Number of Children	%	Number of Children	%	
I. CHILDREN FREE FROM DEFECTS		885	54.80	1084	67.96	981	73.70	3094 65.75
II. (a) Defective Vision (6/9 or 6/18 better eye) with or without glasses.	66	4.09	6.27	63	4.73	9	5.45	238 5.06
(b) Condition of Mouth and Teeth requiring attention.	8	0.49	—	2	0.15	—	—	10 0.21
(c) Children suffering froth both (a) and (b).	—	—	—	—	—	—	—	—
Total of (a), (b) and (c)	74	4.58	6.27	65	4.88	9	5.45	248 5.27
III. Children suffering from ailments from which complete recovery is expected in a few weeks.	466	28.85	15.86	144	10.82	3	1.82	866 18.40
IV. Children suffering from ailments from which								
(a) Cure is considered possible.	177	10.96	8.15	107	8.04	8	4.84	422 8.97
(b) Improvement only considered possible.	13	0.81	1.76	34	2.56	1	0.61	76 1.61
Total of (a) and (b)	190	11.77	9.91	141	10.60	9	5.45	498 10.58
Total number of children examined	1615	100	1595 100	1331 100	165 100	4706 100		

N.B. (The vision of all children in the Entrant Group was tested this session for the first time. If this had not been included the percentage of children free from defect would have been 58.88% in the Entrant Group instead of 54.80% (last year 65.67%) and the total for all Groups would have been 67.15% instead of 65.75% (70.46% last year.)

TABLE IV.

Return of all Exceptional Children of School Age in the Area.

Disability.	At Ordinary Schools.	At Special Schools or Institutions	At no School or Institution.	Total
1. Blind	—	—	—	—
2. Partially Sighted				
(a) Refractive Errors	—	3	—	3
(b) Cataract, Ulceration, etc.	4	2	1	7
3. Deaf—				
Grade I	122	—	—	122
Grade IIa	7	—	—	7
Grade IIb	1	—	—	1
Grade III	—	11	—	11
4. Defective Speech—				
(a) Defective Articulation	57	—	—	57
(b) Stammering	53	—	—	53
5. Mentally Defective—				
(a) Educable	37	15	11	63
(b) Ineducable	6	21	18	45
6. Epilepsy—				
(a) Mild and Occasional	13	—	—	13
(b) Severe	—	—	—	—
7. Physically Defective—				
(a) Non-Pulmonary Tuberculosis (excl. Cervical Glands)	—	—	—	—
(b) General Orthopaedic Conditions	454	5	4	463
(c) Organic Heart Disease ...	34	—	—	34
(d) Other Causes of Ill-Health	—	2	3	5
8. Multiple Defects	—	—	—	—

TABLE V.
STATEMENT OF WORK DONE BY NURSING STAFF

	No. of Pupils Re-examined	Number of Visits to Schools.	Cleanliness Medium	Bad Clothing and Footgear	Vermin Body	Vermin Head	Dirty Including Nits
Rural Schools	30,421	832	19	29	—	11	89
Burgh Schools	47,649	826	2121	5	4	13	380
Totals	78,070	1658	2140	34	4	24	469

NUMBER OF NOTICES SENT.

	Vermin Body	Vermin Head	Nits.	Cleanliness	Bad Clothing and Footgear	Home Visits	Visits to Arbroath Clinic.
Rural Schools	—	2	20	—	—	335	—
Burgh Schools	4	9	120	4	1	323	268
Totals	4	11	140	4	1	658	268

